

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. Patent No. : 7638641  
Serial No. : 10/536,803  
Filed : May 27, 2005  
Issued : December 29, 2009  
For : TETRAHYDROPYRAN DERIVATIVES

**PETITION FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants hereby request that the above-identified U.S. patent be corrected in accordance with the attached Certificate of Correction.

I. C.F.R. § 1.322

- ☒ The mistake(s) were incurred through the fault of the Patent and Trademark Office and are clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323

- ☐ The mistake(s) was/were made by applicant. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing an error/errors that has/have been found in the above-identified patent. The error(s) is/are of a clerical or typographical nature

or of minor character and [was/were] made in good faith. The requested correction(s) does/do not constitute new matter or require reexamination.

III. Accordingly, patentees and their assignee respectfully request that the Patent and Trademark Office issue a Certificate of Correction pursuant to 37 C.F.R. § 1.322 or § 1.323, respectively.

Respectfully submitted,

/Csaba Henter/

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Attorney Docket No.: MERCK-3017

Date: April 12, 2010

Insert path and file name

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# CERTIFICATE OF CORRECTION

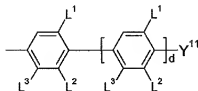
PATENT NO : 7,638,647

DATED : December 29, 2009

INVENTOR(S) : KIRSCH et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 26, lines 32 - 67 read: "then  $Y^{11}$  denotes  $-H$ ,  $-I$ ,  $-SH$ ,  $-CO_2R^{14}$ ,  $-OSO_2R^{15}$ ,  $-C(=S^+R^{12})(SR^{13})X^-$ ,  $-B(OR^{16})(OR^{17})$ ,  $-BF_3^-Cat^+$ ,  $-Si(OR^{18})(OR^{19})(OR^{20})$  or alkyl, where alkyl denotes a halogenated or unsubstituted alkyl radical having 1 to 15 C atoms, in which one or more  $CH_2$  groups have each been replaced, independently of one another, by  $-C\equiv C-$ ,  $-CH=CH-$ ,  $-O-$ ,  $-CO-$ ,  $-CO-O-$  or  $-O-CO-$  in such a way that O atoms are not linked directly to one another and alkyl does not stand for alkoxy; if W is connected directly to



where

d is 0 or 1;

then B does not stand for;

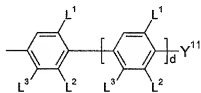
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if  $d=1$ ; and

that A can adopt identical or different meanings if a is 2.”

Should read: —then  $Y^{11}$  does not denote  $=O$ ,  $=C(SR^{12})(SR^{13})$  or  $=CF_2$ ;



if W is connected directly to

where d is 0 or 1,

then  $Y^{11}$  denotes  $-H$ ,  $-I$ ,  $-SH$ ,  $-CO_2R^{14}$ ,  $-OSO_2R^{15}$ ,

$-C(=S^+R^{12})(SR^{13})X^-$ ,  $-B(OR^{16})(OR^{17})$ ,  $-BF_3^-Cat^+$ ,

$-Si(OR^{18})(OR^{19})(OR^{20})$  or alkyl, where alkyl denotes a

halogenated or unsubstituted alkyl radical having 1 to 15 C

atoms, in which one or more  $CH_2$  groups have each been

replaced, independently of one another, by  $-C\equiv C-$ ,  $-CH=CH-$ ,

$-O-$ ,  $-CO-$ ,  $-CO-O-$  or  $-O-CO-$  in such a way that O atoms are

not linked directly to one another and alkyl does not stand for

alkoxy;

if  $d = 1$ ,

then B does not stand for

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; and

if a is 2,

then that A can adopt identical or different meanings.--

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Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.